

# The Deltagram

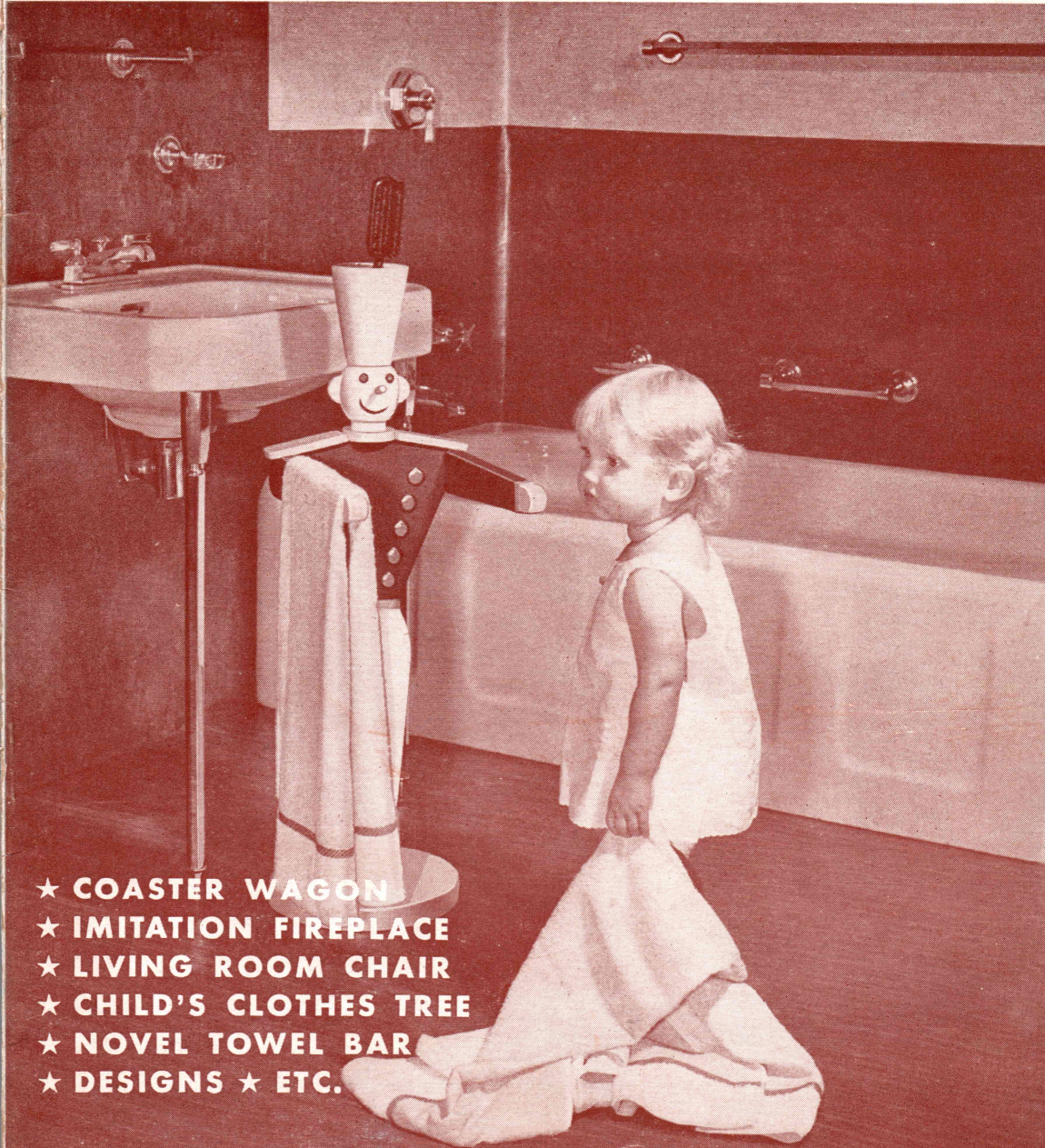
TRADE MARK REG. U. S. PAT. OFF.

10¢

VOLUME SIXTEEN

Issue No. 1, 1946, 47

PRICE TEN CENTS



- ★ COASTER WAGON
- ★ IMITATION FIREPLACE
- ★ LIVING ROOM CHAIR
- ★ CHILD'S CLOTHES TREE
- ★ NOVEL TOWEL BAR
- ★ DESIGNS ★ ETC.



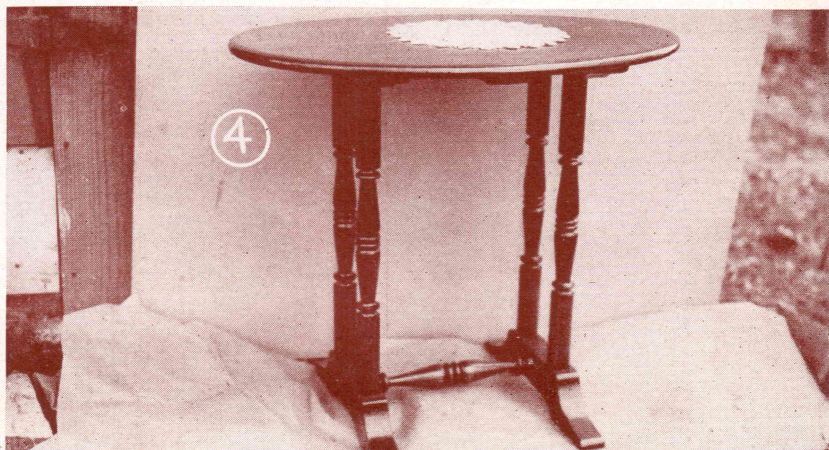
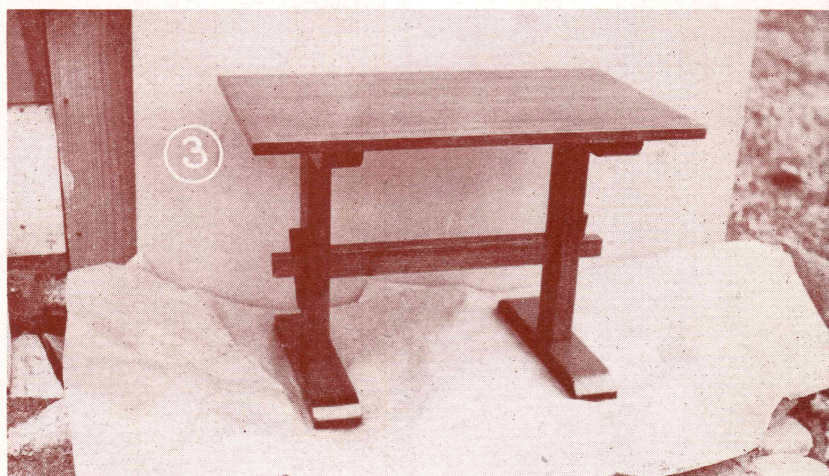
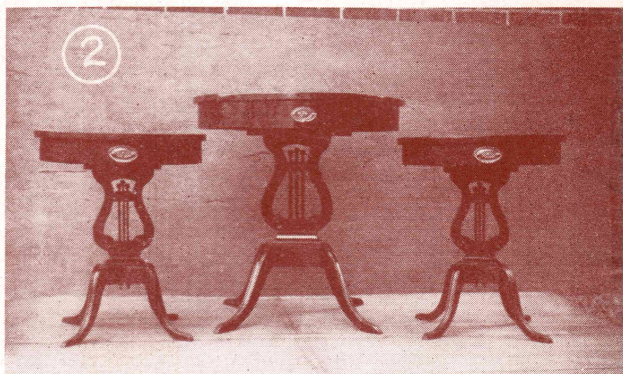
# With DELTA CRAFTERS

☆ The hobby horse which appeared in Project Book No. 8 did not come up to par for Mr. Lamond, Jr. of Alexandria, Virginia, so he added a white cotton floor mop to the horse's tail and mane. (Photo 1)

☆ Mr. Sauerwine of York, Pennsylvania made the three drum tables in Photo No. 2 from drawing which appeared in a past issue of the Delta-gram. The two smaller tables used as end tables were made three quarter size with alterations to give the effective proportions and height.

☆ With a few added features of his own Mr. Eaton of Ball Ground, Georgia, designed and built these two tables. (Photos 3 and 4)

☆ Here's a project Mr. Mason of Toledo, Ohio thought might interest some of our readers. The main frame of the porch glider was made from angle iron. (Photo 5)





# The Deltagram

TRADE MARK REG. U. S. PAT. OFF.

★ A MAGAZINE FOR CRAFTSMEN

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★ E. G. HAMILTON - MANAGING EDITOR

A. M. WARKASKE - TECH. EDITOR

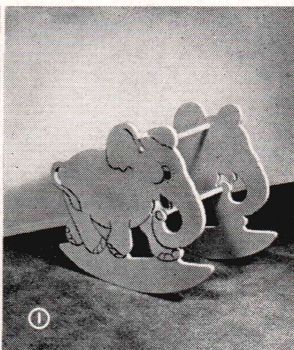
VOLUME SIXTEEN

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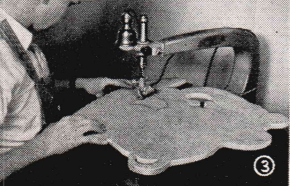
PRICE TEN CENTS



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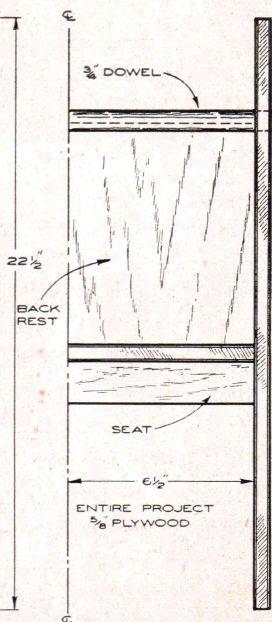
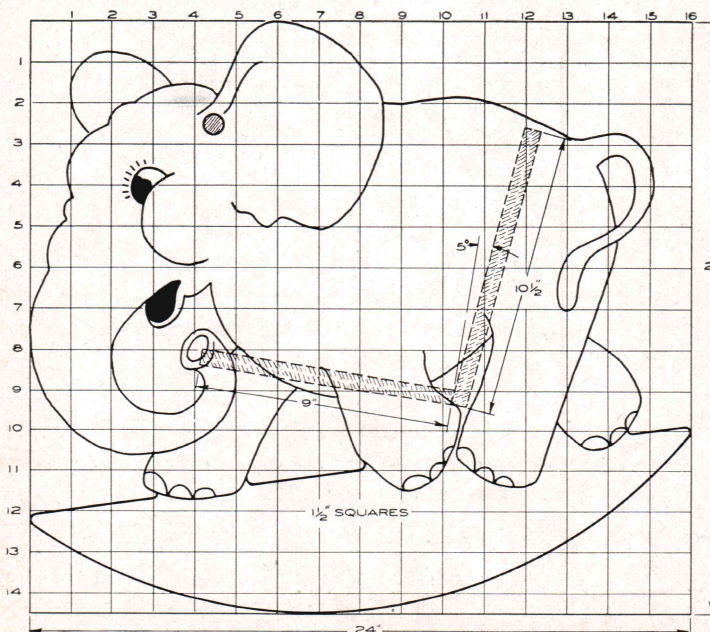


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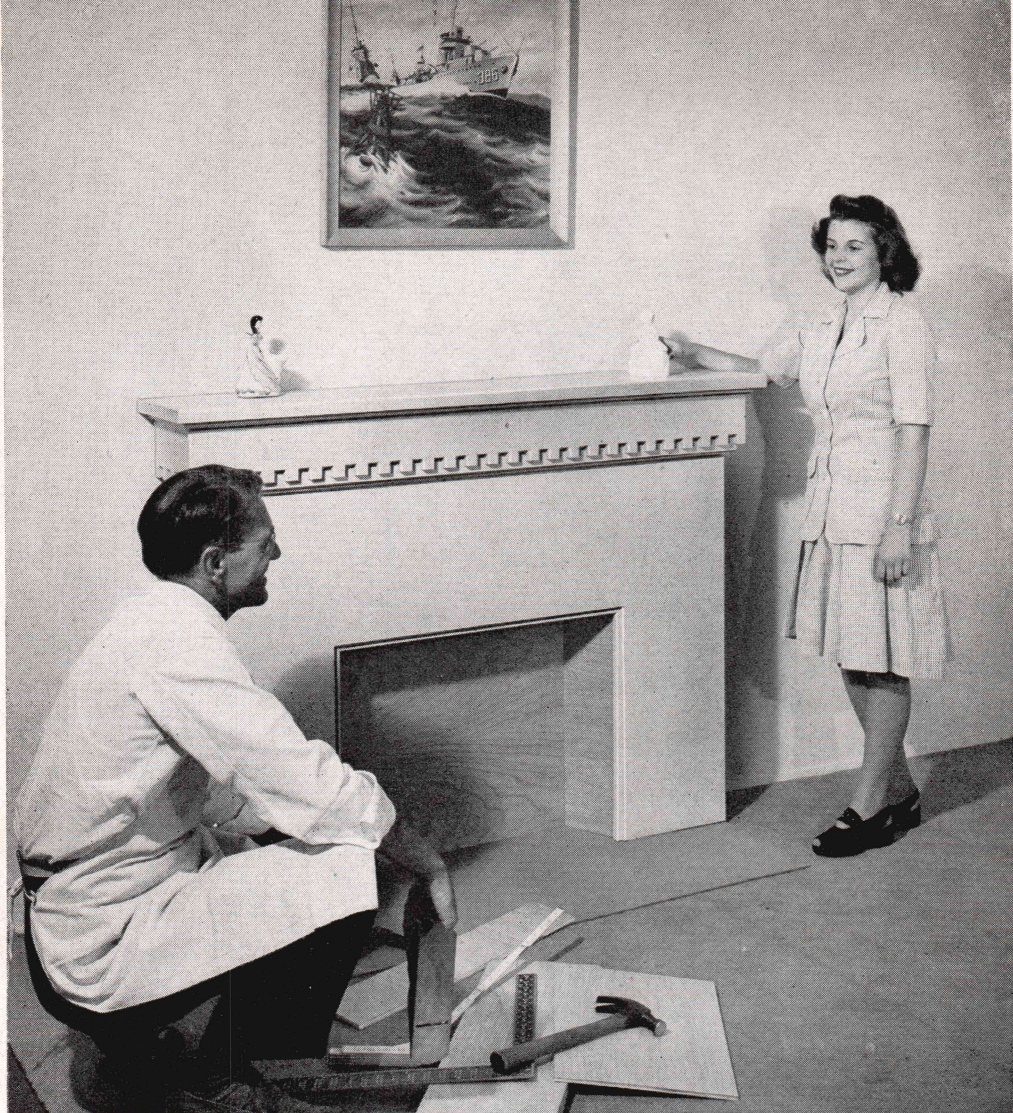
The completed rocker as shown above should be painted in bright colored enamel. The original was light blue with a design painted on the side in black.

## Elephant ROCKER

☆ HERE is still another design of a novel rocker for the nursery. The squared plan shown below should be enlarged to a full-size pattern and then traced directly to the  $\frac{5}{8}$ " plywood and cut out on the scroll saw as shown in photograph No. 3. The seat and backpieces are cut and assembled to the sides with waterproof glue and F.H. wood screws. Holes are drilled in the heads of the elephants in the position indicated in the drawing, and a  $\frac{3}{4}$ " dowel is fastened in place for a handle.







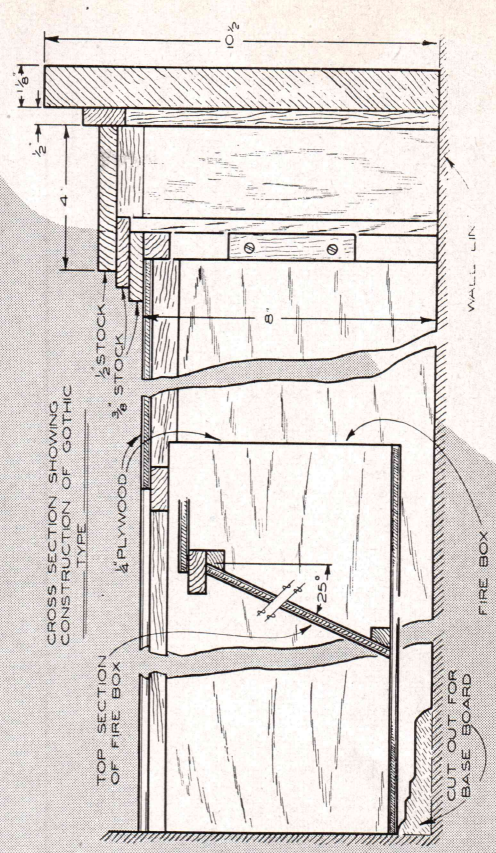
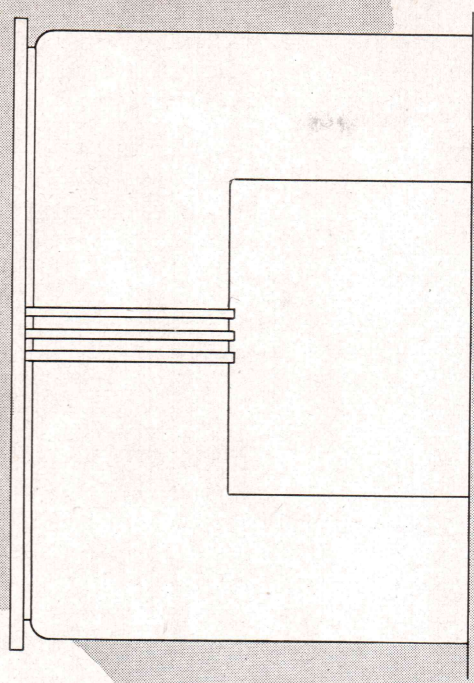
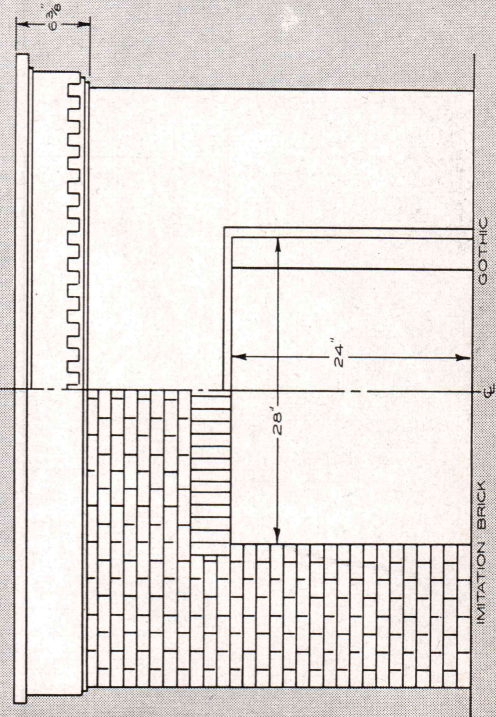
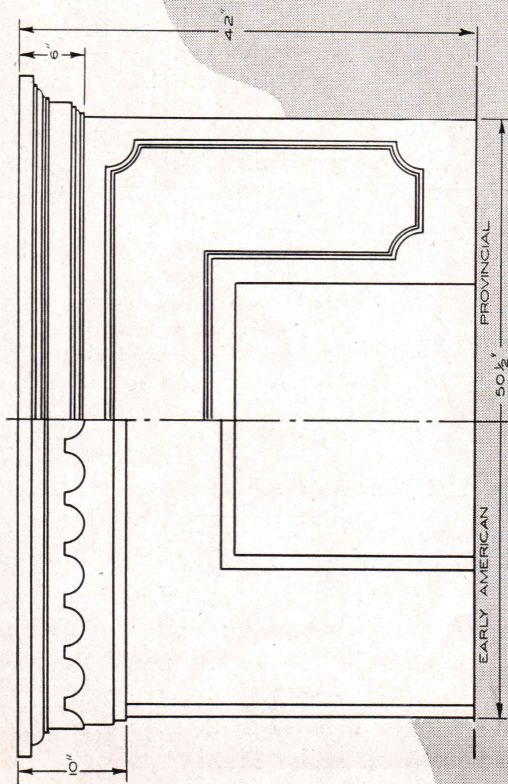
# IMITATION FIREPLACE

☆ Imitation fireplaces are becoming more and more popular, and we present here five designs in answer to your many requests. The Gothic design shown in the photograph above is detailed in the sectional drawing on the following page.

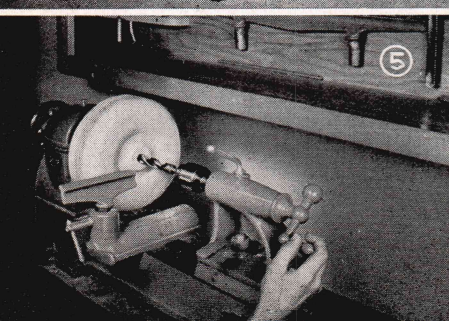
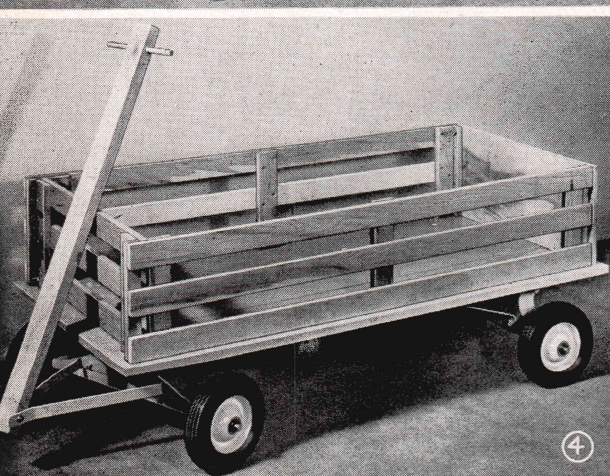
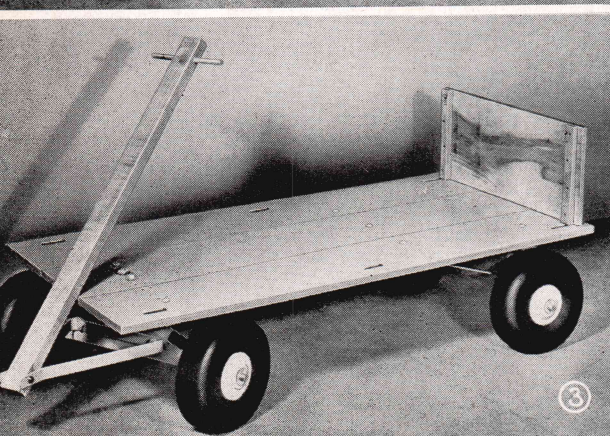
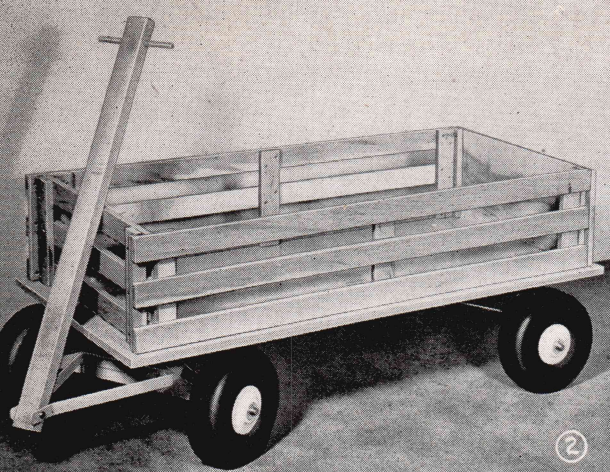
The general dimensions given may be varied to suit your own individual taste or the availability of the space you wish to use. Any craftsman may make up the other designs shown from the general plan of the sectional drawing.

These fireplaces were made as imitations only and for the use of electric logs. The addition of such logs and imitation andirons will dress up that bare wall of the room. The finish is entirely up to the individual and room surroundings.









## *Build this* **COASTER WAGON**

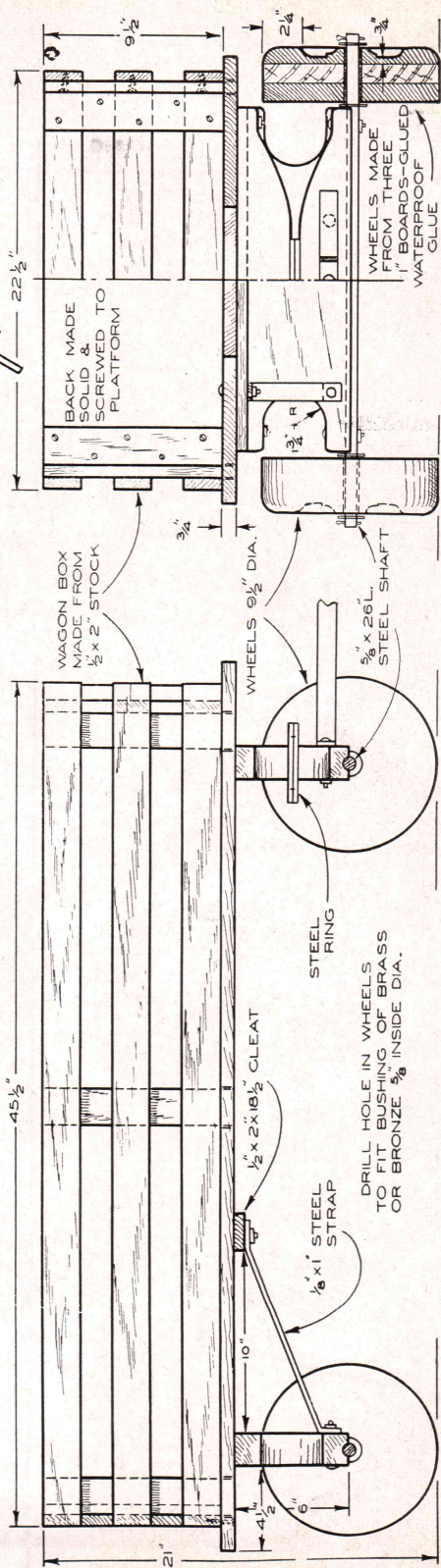
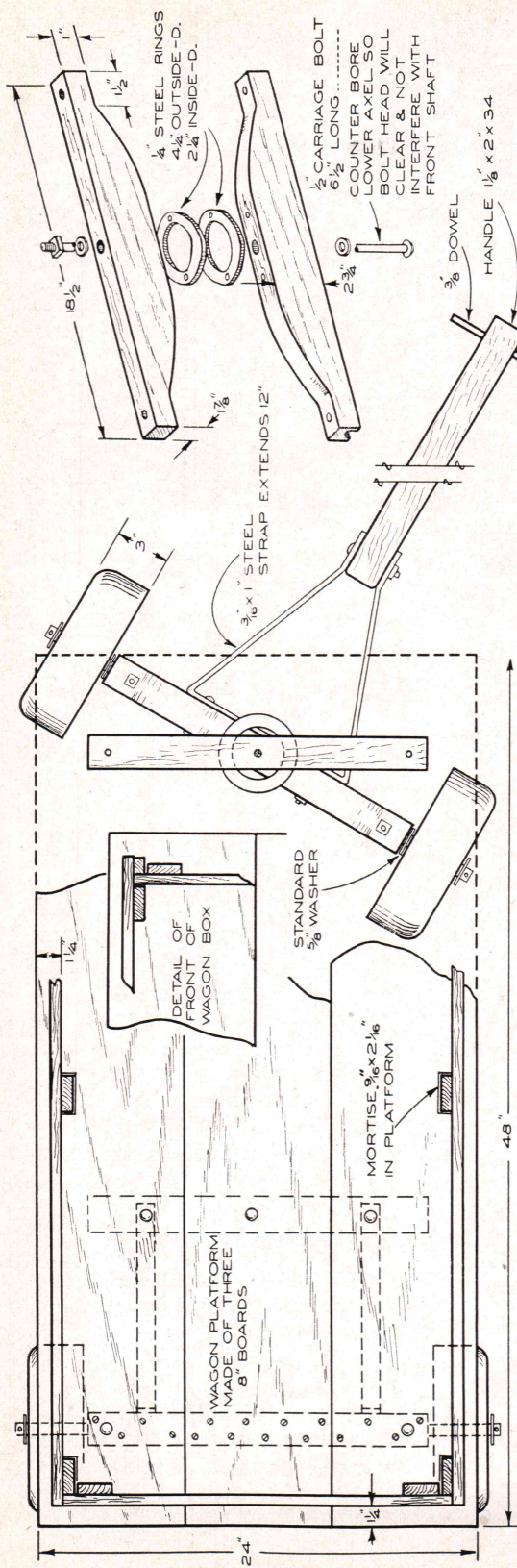
☆ HERE is a large farm type coaster wagon that will provide the children with a great deal of fun. The wagon was made from hard wood such as maple or birch. The detailed drawing on the right shows the necessary dimensions and the construction and assembly methods.

Photos No. 1 and No. 2 above show the completed wagon with turned wooden wheels in position. These wheels are made from three 1" boards glued together and turned as shown in the drawing and photo No. 5. Photo No. 4 shows the same wagon with steel, rubber-tired wheels and ball bearings. These wheels are available and are advertised through your local crafts magazines.

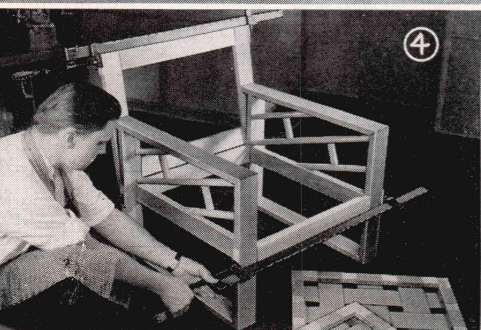
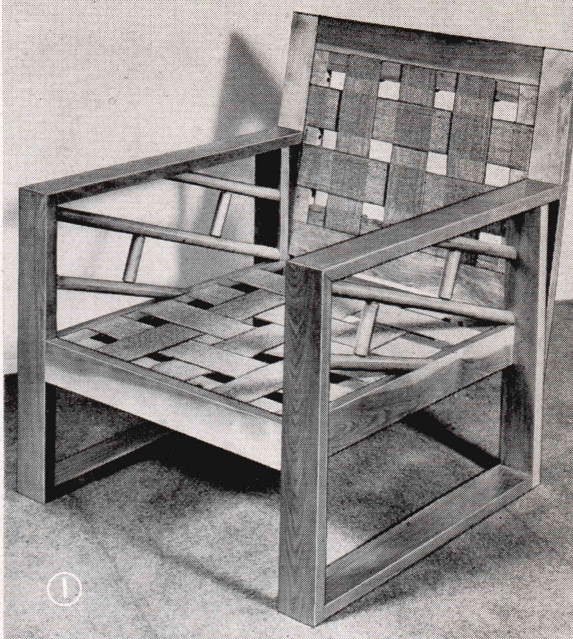
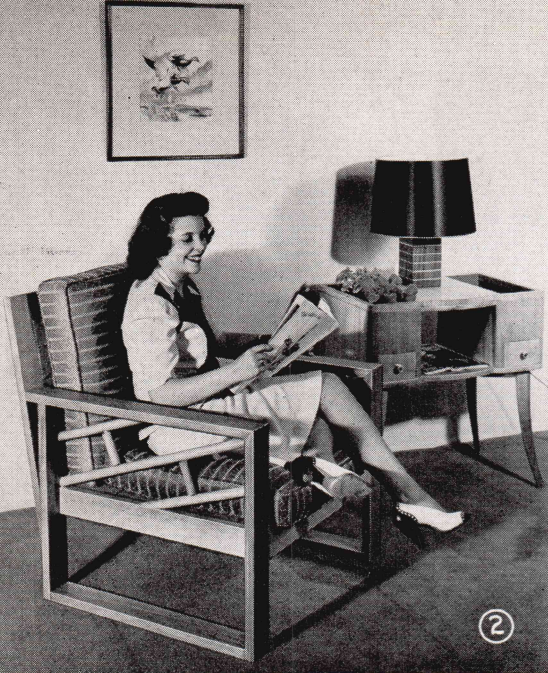
In the original model the bed and under-carriage of the wagon were painted with bright blue enamel and the slat sides and tongue were left natural wood and finished with several coats of white shellac.











## *Comfortable* **LIVING ROOM CHAIR**

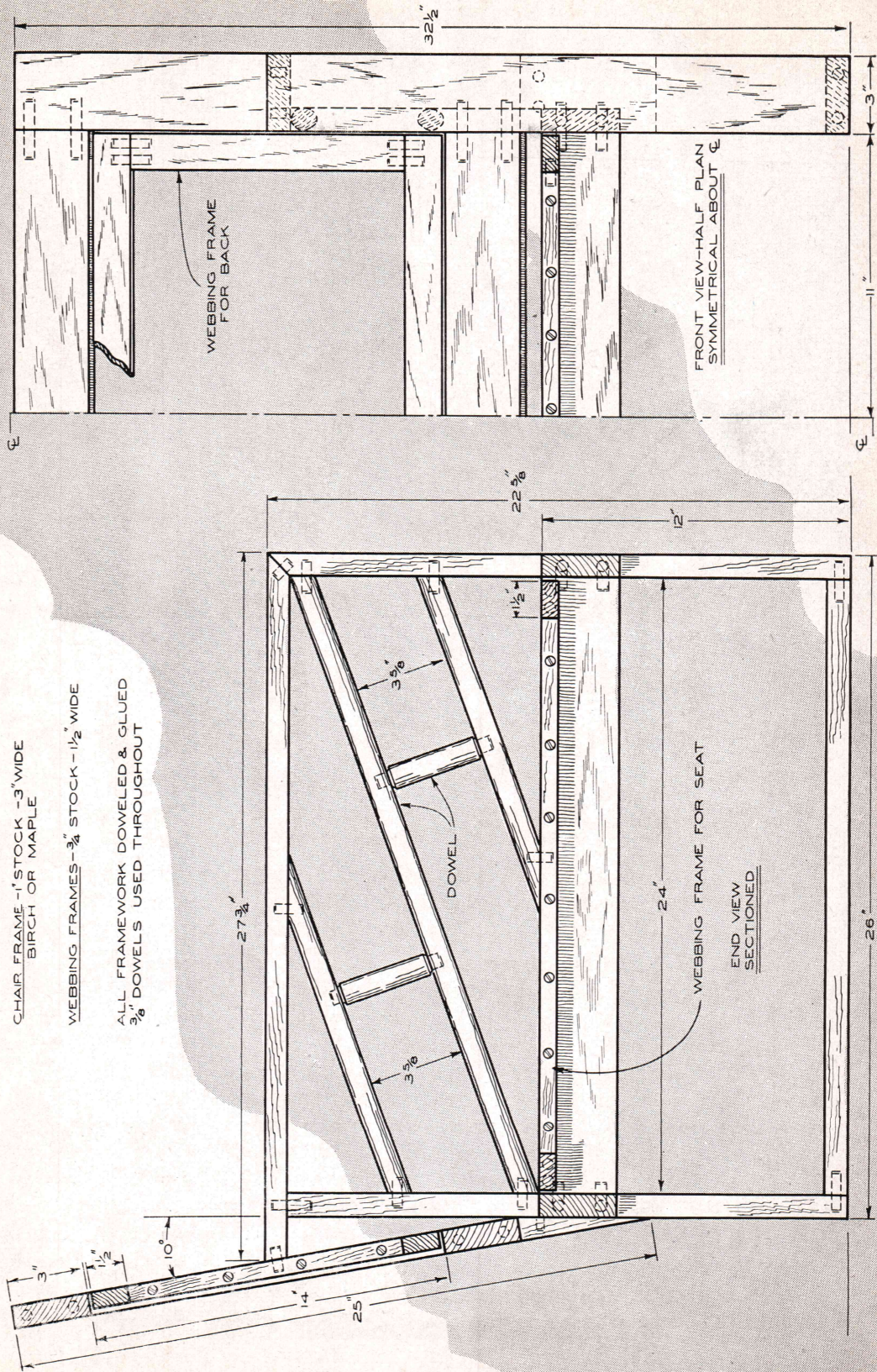
☆ HERE is a sturdy living room chair with modern lines that can easily be built in your own workshop from birch or maple hardwood. The drawing on the following page shows complete construction details and dimensions of the chair.

The assembly as shown in the drawing is made with dowels and glue, and the seat and back frames are fastened in place (after the webbing has been attached) with F.H. wood screws. The finish is natural wood, first applying white shellac and following with spar varnish.

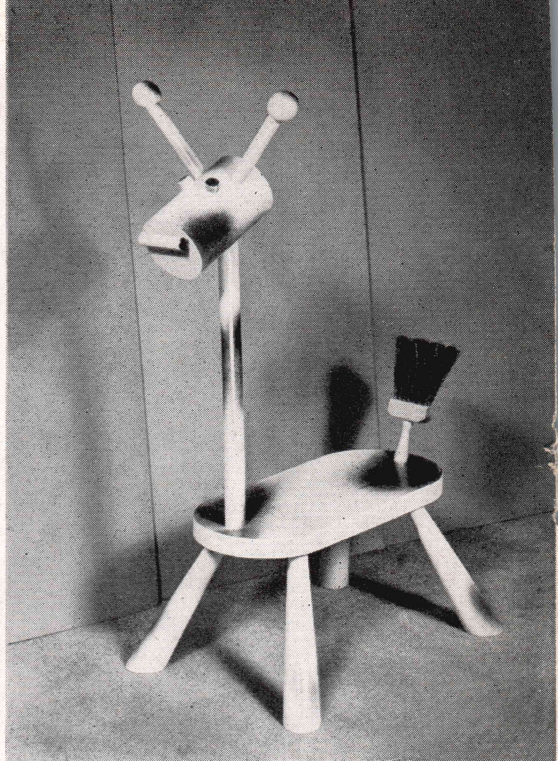
The two cushions used in the chair are 22" square by 4" thick. These can be made up by your local upholstery or department store.



ALL FRAMEWORK DOWELED & GLUED  
3/8" DOWELS USED THROUGHOUT







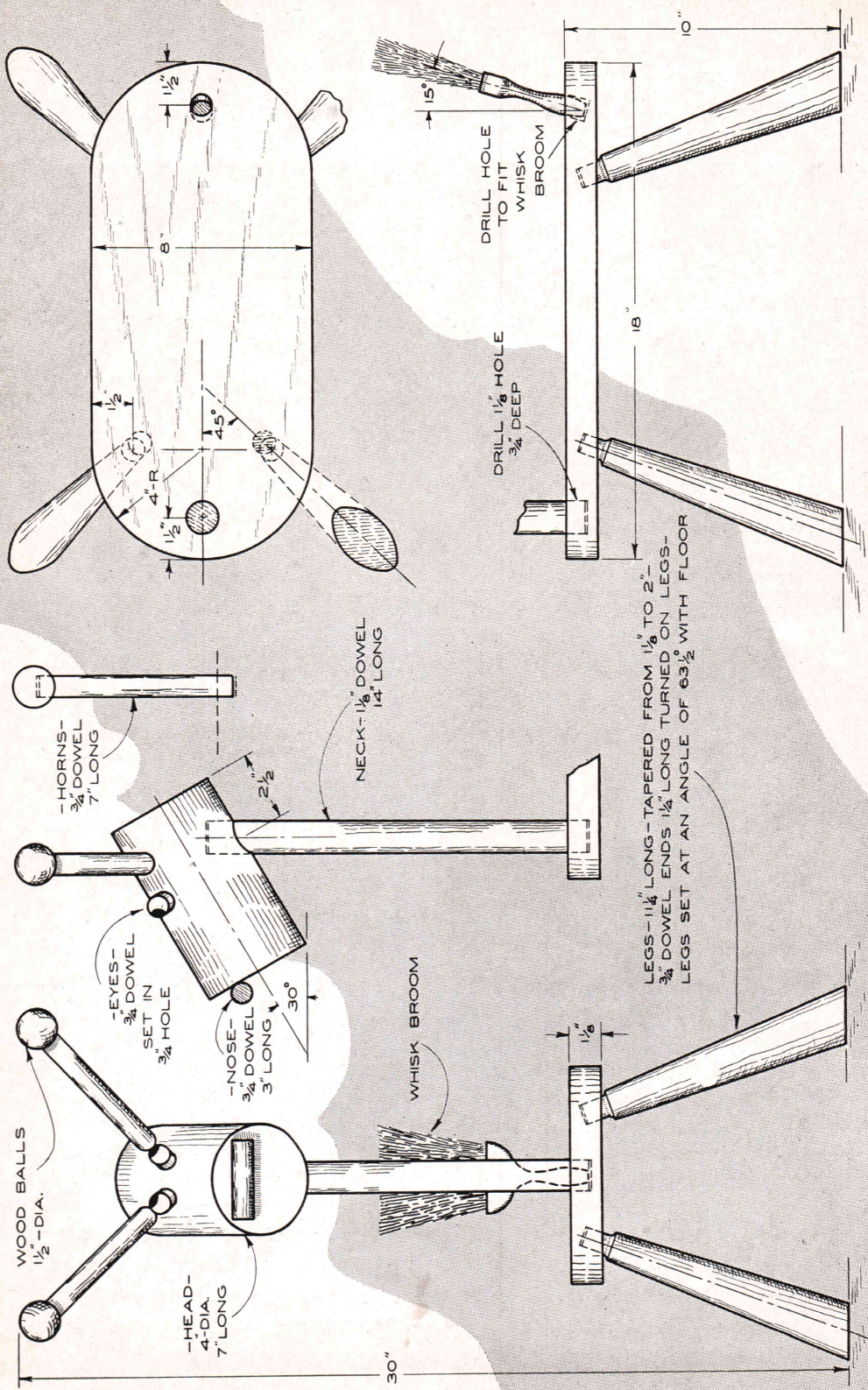
## *Build this novel* **CLOTHES TREE** **FOR THE CHILDREN**

☆ HERE'S a novel design for the children's room. We all know what a hard job it is to teach the younger children to hang up their clothes. The job that has seemed like work before will be fun with this novel clothes tree.

As seen in the above photographs the horns form a rack for hanging clothes while the body of the animal is a seat to be used in dressing. The tail is a whisk broom fitted into a hole in the body as seen in the photographs above and the drawing on the following page. The body is  $1\frac{1}{8}$ " solid stock. Any lumber stock will do such as pine or hardwood if you like. The legs are turned on the lathe and beveled as shown in the drawing, and the upper ends glued into holes drilled on the drill press at an angle of  $63\frac{1}{2}$  degrees. The neck is a  $1\frac{1}{8}$ " dowel 14 inches long drilled and glued into the head and body. The head itself is 4 inches in diameter and 7 inches long. The nose is formed by a dowel nailed and glued to the head. The horns, eyes are also dowels glued into holes drilled in the head.

The completed clothes tree is sealed with white shellac and then sprayed with a light colored enamel. The dark splotches are then sprayed as the decoration with a darker colored enamel as shown in the photograph above.





WOOD BALLS  
1 1/2" - DIA.

- HORNS -  
3/4" DOWEL  
7" LONG

- EYES -  
3/4" DOWEL  
SET IN  
3/4" HOLE

- HEAD -  
4" - DIA.  
7" LONG

- NOSE -  
3/4" DOWEL  
3" LONG

NECK - 1 1/8" DOWEL  
14" LONG

WHISK BROOM

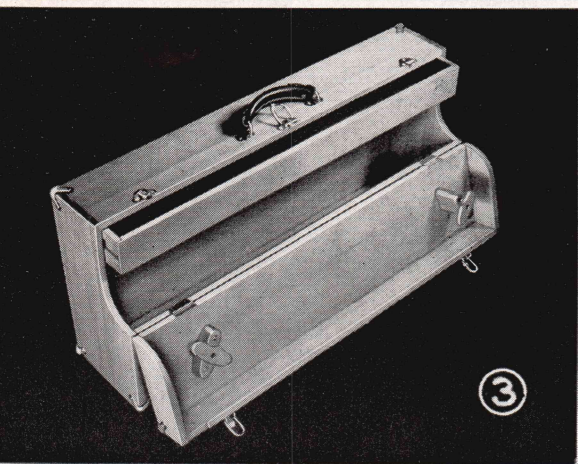
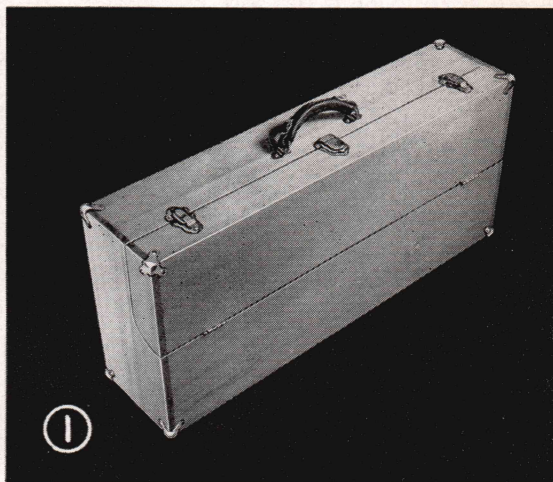
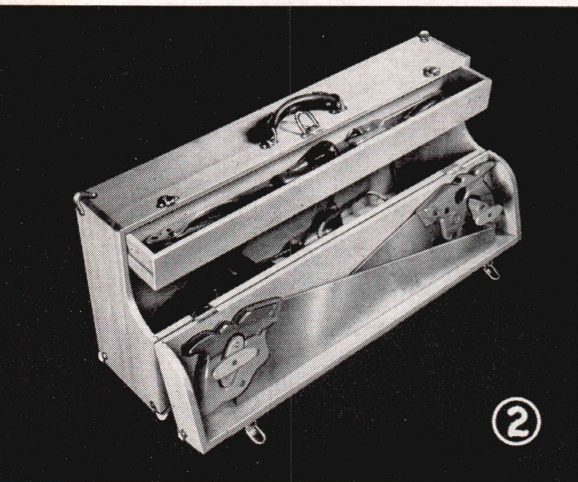
DRILL HOLE  
TO FIT  
WHISK  
BROOM

DRILL 1 1/8" HOLE  
3/4" DEEP

LEGS - 1 1/4" LONG - TAPERED FROM 1 1/8" TO 2" -  
3/4" DOWEL ENDS 1 1/2" LONG TURNED ON LEGS -  
LEGS SET AT AN ANGLE OF 63 1/2° WITH FLOOR



# HANDY TOOL BOX



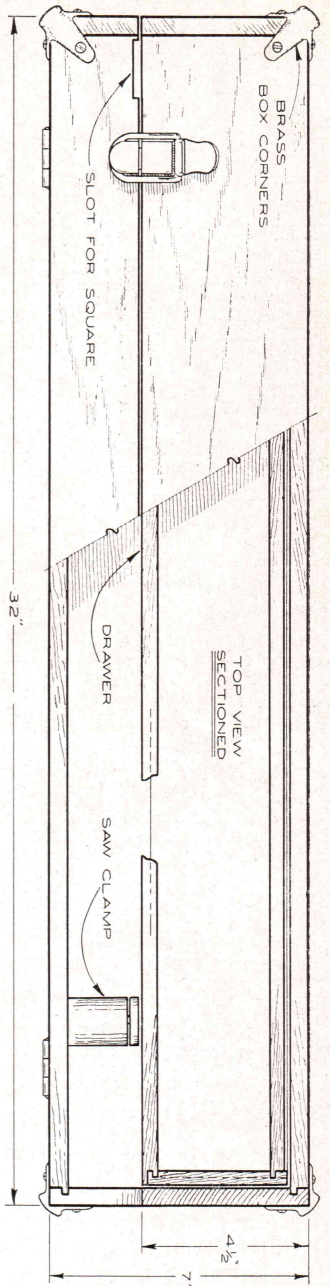
Photograph No. 1 above shows the completed tool box as it appears when closed. Note the lock, carrying handle, and brass corners.

Photographs No. 2 and No. 3 show the completed tool box in the open position. The drawer holds small tools and hardware and the lid provides carrying room for two or more hand saws.

☆ YOU can make this handy tool box in your own workshop and use it to transport your carpenter's tools to your outside jobs. The box may be constructed from pine, or hardwood such as white oak if available. This box holds a large selection of your tools as shown in Photo No. 2. A handy drawer is provided for small tools and hardware. The lid holds three hand saws as shown in the photo. The corners are protected by brass box corners and the tool box may be locked with a simple lock as shown in the photographs. The drawing on the following page shows all necessary dimensions. The corner joints of the box are all cut on the circular saw and are glued together and clamped during the assembly of the box.

The finish may be in natural wood or painted with two or more coats of durable enamel.





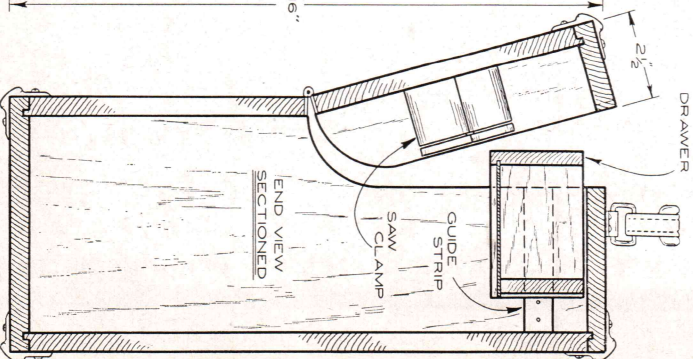
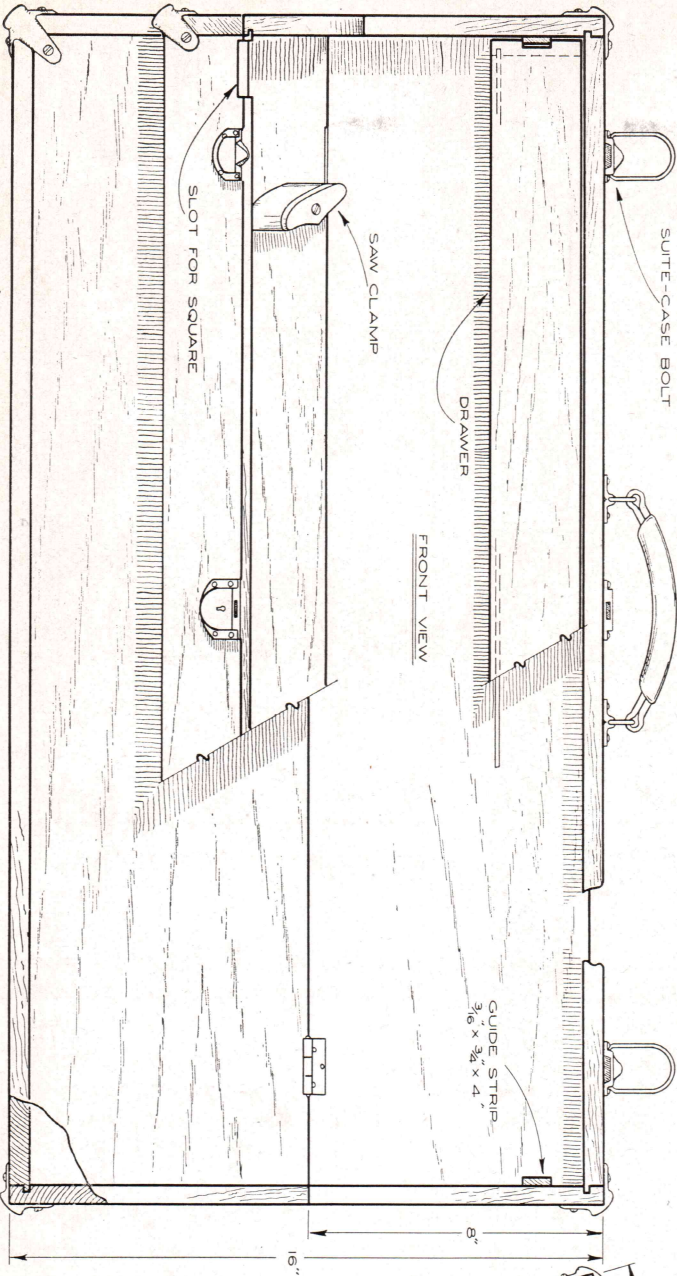
BOX MADE OF 1/2" PINE, OR  
WHITE OAK STOCK  
JOINERY-1/8" TONGUE &  
GROOVE-GLUED & NAILLED

DRAWER MADE OF 3/8" PINE,  
OR WHITE OAK STOCK

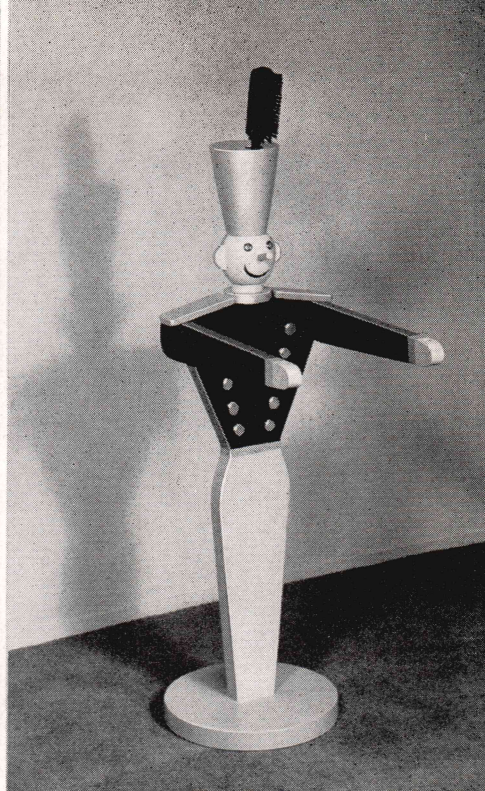
2 1/2" HIGH 4" WIDE

29 7/8" LONG

DRAWER BOTTOM  
1/8" PRESWOOD 3 3/4" x 30 1/8"







# MILITARY TOWEL RACK

## *and Brush Holder*

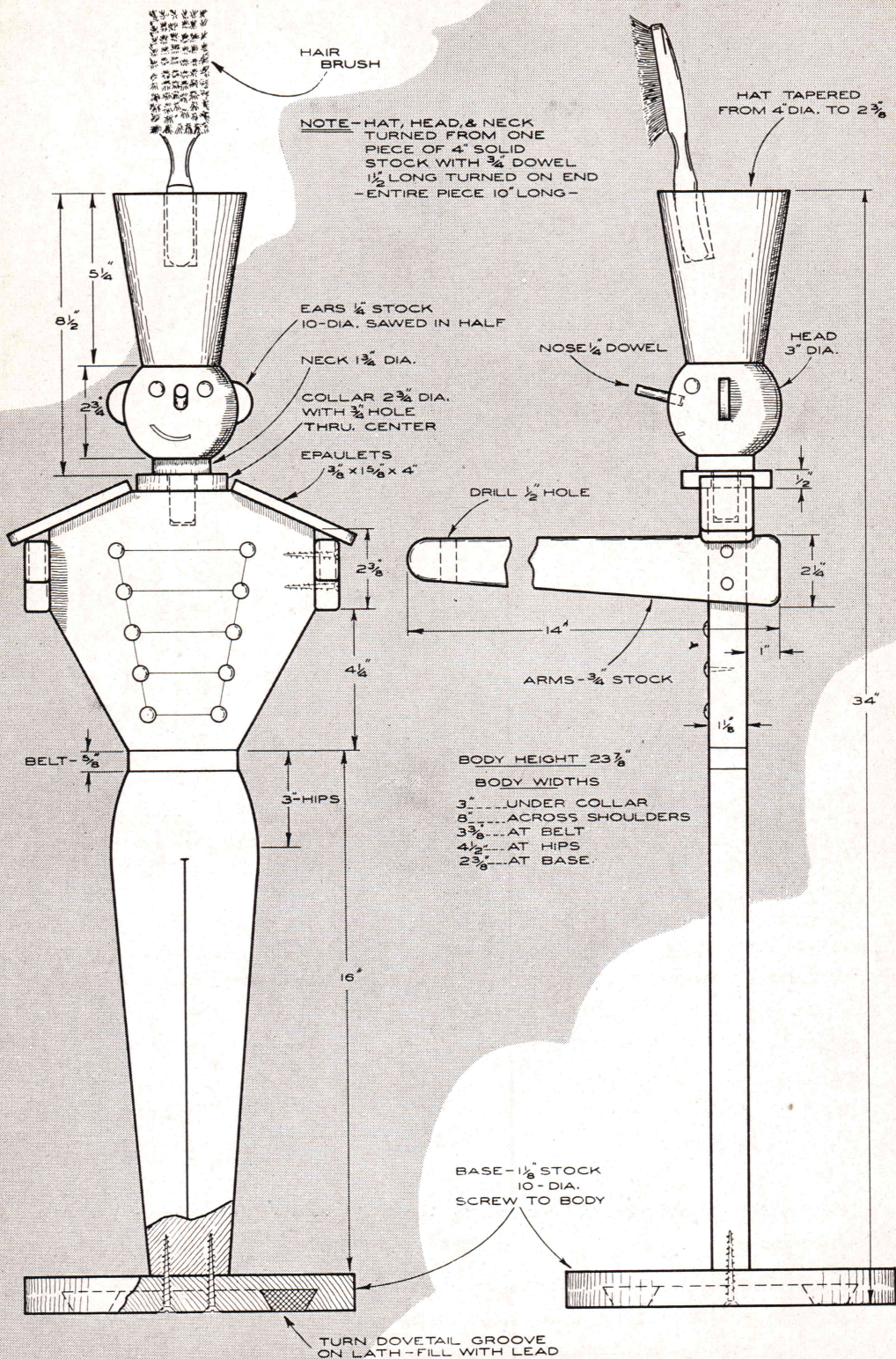
☆ THIS sturdy soldier stands guard over the bathroom and provides a handy place for towels, hair brush and tooth brush. The children may be more easily taught to return towels and brushes to their proper places if such an attractive means of reminding them is provided.

A place for the hair brush is provided for by a hole drilled in the top of the hat. This brush carries out the idea of the pom-pom as seen in the dress uniforms of drum majors or royal guards. A hole drilled in each hand as shown in the drawing provides space for two tooth brushes, while the arms form towel bars as shown in the photograph.

The head of the figure is turned on the lathe and drilled for the hair brush. The nose is a  $\frac{1}{4}$ " dowel drilled and glued in place. The ears are  $\frac{1}{4}$ " stock shaped to fit the side of the head and glued and nailed in position. The body is band sawed from  $1\frac{1}{8}$ " stock. The base is cut round and mounted on the face plate of the lathe. The dovetailed groove is then turned in the underside and this is filled with lead to provide stability for the figure. The arms are band sawed to shape and fastened to the body with wood screws and glue.

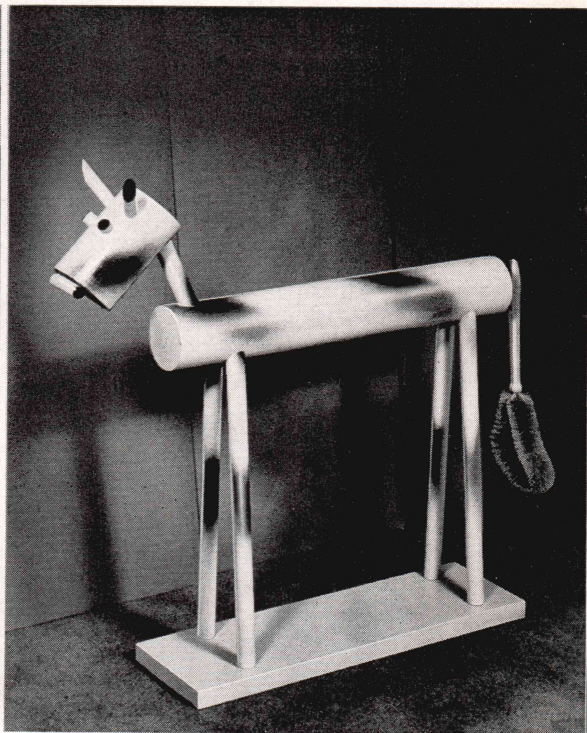
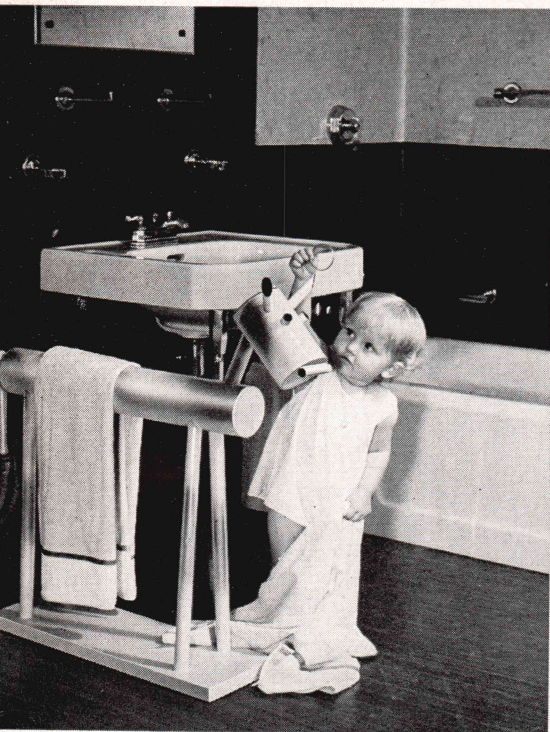
The buttons on the tunic are furniture gliders tacked in place after the figure has been painted. The original model was painted in bright colored enamel as follows: Trousers and Hat—Blue, Tunic—Red, Belt, Cuffs, Shoulder Bars, and Base—Yellow, Hands and Face—Cream, the Mouth is traced in with red paint.







# *Build this Novel* **STALLION TOWEL BAR**



☆ STILL another design for a bathroom rack is shown in the photographs above. The detailed drawing of the project is shown on the following page. The base is  $1\frac{1}{8}$ " stock drilled to receive the four legs which are  $1\frac{1}{8}$ " dowels 21 inches long. The body and head are both 4 inches in diameter and may be made from solid stock or built up and turned as shown in the detailed drawing. The body is 24 inches long and the head is  $6\frac{1}{4}$ " long. The ears and eyes are  $\frac{3}{4}$ " dowels drilled and glued into the head. The nose is a  $\frac{3}{4}$ " dowel glued and nailed on the front of the head. The tail is a bath brush with a hole drilled in the handle which hangs on a  $\frac{3}{8}$ " dowel.

The finish is the same as the clothes tree shown on pages 10 and 11. The wood is sealed with white shellac and then sprayed with a light colored enamel. Dark enamel is then sprayed on as a decoration as shown in the photo above. Weight may be added to the base by drilling holes in the underside and filling with lead if necessary.







# FLYING CHIPS

## A Newcomer

**Hamilton, Ont.**—A few of your advertisements have drawn my attention, and I have decided to begin a workshop in the basement of my home. The space I have at my disposal is approximately 9 feet by 15 feet.

In order to begin it correctly I thought it might help to write you for advice as to the layout, manner of hanging up tools, drawer cabinets, etc.

I have looked up many books on this subject but they only seem to have the old type of workshops. What I want is a modern one.

D. D.

We expect to publish a book on shop layouts. It will feature some of the shop plans which were entered in our last home workshop contest. As soon as it is ready we will announce it in the Delta-gram.

## Additional Ideas For Past Projects

**Jacksonville, Florida**—I thought the readers of your publication might be interested in an adaptation I made of your bridge pencil-holder featured on pages 20-21 of your Delta Project Book No. 2. I made two animals from  $\frac{3}{4}$ " clear plastic with a piece  $1\frac{1}{8}$ " square by  $\frac{1}{4}$ " thick, cemented to the animals. A hole was cut in the latter piece to take a glass test-tube.

I then sand-blasted the two animals, leaving the base clear. Then, with the pressure on my spray gun cut down to almost nothing, I sprayed a light coat of paint over the two animals. I did not spray the eyes, mouth and tail. This made a very beautiful bud vase about  $6\frac{1}{2}$  inches high.

Another use I found for both this same animal and the horse on page 4 of Delta Project Book No. 4 was to make a match book holder of these and set them on an ash-tray. I found that sand-blasting and lightly spraying these clear plastic objects gives them a translucent glow when under a light.

M. E. L.

## Wood Carving For An Invalid

**Walnut Ridge, Arkansas**—I have a brother who is badly crippled with arthritis, both hands and feet. He is just now beginning to get a little use of his hands. He has such a hard time getting through the long days. I was wondering if he could do a little wood carving. Do you put out any instructions or patterns of any kind on this subject? A few small objects to start until he can use his hands better. Later on he hopes to be able to use woodworking tools.

M. D. B.

On page 105 of the March, 1943 Delta-gram we featured a carved Horse's head vase which we believe would make a very interesting project. W. Ben Hunt has written many good books on wood carving. His books are available at your local library or book store.

## Your Magazine Ad Did It

**Bedford Hills, N. Y.** I have a complete library of your books and find they are excellent reference books for the homemaker. The project plans are the best—bar none. Through the years I have constructed a great number of the projects which have turned out very satisfactory. It was due to your magazine ad in one of the homecraft magazines back in 1938 that gave me the inspiration to start my own business. I might add that I use Delta equipment in my shop.

Do you have a list of books on the construction of screen doors, sash, house doors, jigs, and fixtures?

W. B.

There are many good books and trade magazines that cover the subject of mill construction which one can get from his local book store or library. We may publish a list in some future issue of the Delta-gram.

## Enlarging Drawings Idea

**Port Huron, Michigan** I notice on the Flying Chips page of the Delta-gram that some of the readers make suggestions which might help other homecrafters. I thought that some one would be interested in my method of enlarging layouts.

Instead of cutting up the magazine I slip the page in the photostat machine at our office, and make a reflex negative from your plan. Then I put this negative in my photo enlarger at home and raise the enlarger until the object is to scale. I can make this one inch or two inches as required. I make the prints on regular printing paper. This gives me a full scale drawing which I cement or tack to the material being worked and cut the layout along the lines. If the negative is too large for my enlarger I cut it up into sizes suitable for it, and then join the various parts together after printing. When these drawings are enlarged, all the lines are enlarged also, but I do not find this a handicap, all I do is cut outside the lines and sand them down to the inside of the line.

W. H. J.

## Business Was Good

**Benton Harbor, Michigan** You may be interested to know that I made quite a success making the "Town Pump Lamp" which appeared in one of the back issues of your magazine. I sold a lot of these until it became impossible to get the brass pull chain sockets. As soon as these are again available I will get into full production on the lamps.

E. M.

## Special Adapter for Turning Wine Set

**Windom, Minnesota** I am about to make the Wine Set designed by Fred Heiden which appeared in the Sept.-Oct., 1944 issue of the Delta-gram.

What I would like to know is how long and what size and kind of stock the taper adapter is that was used to turn the wine glasses. I'd like to make one on my lathe. Please give me all the dimensions.

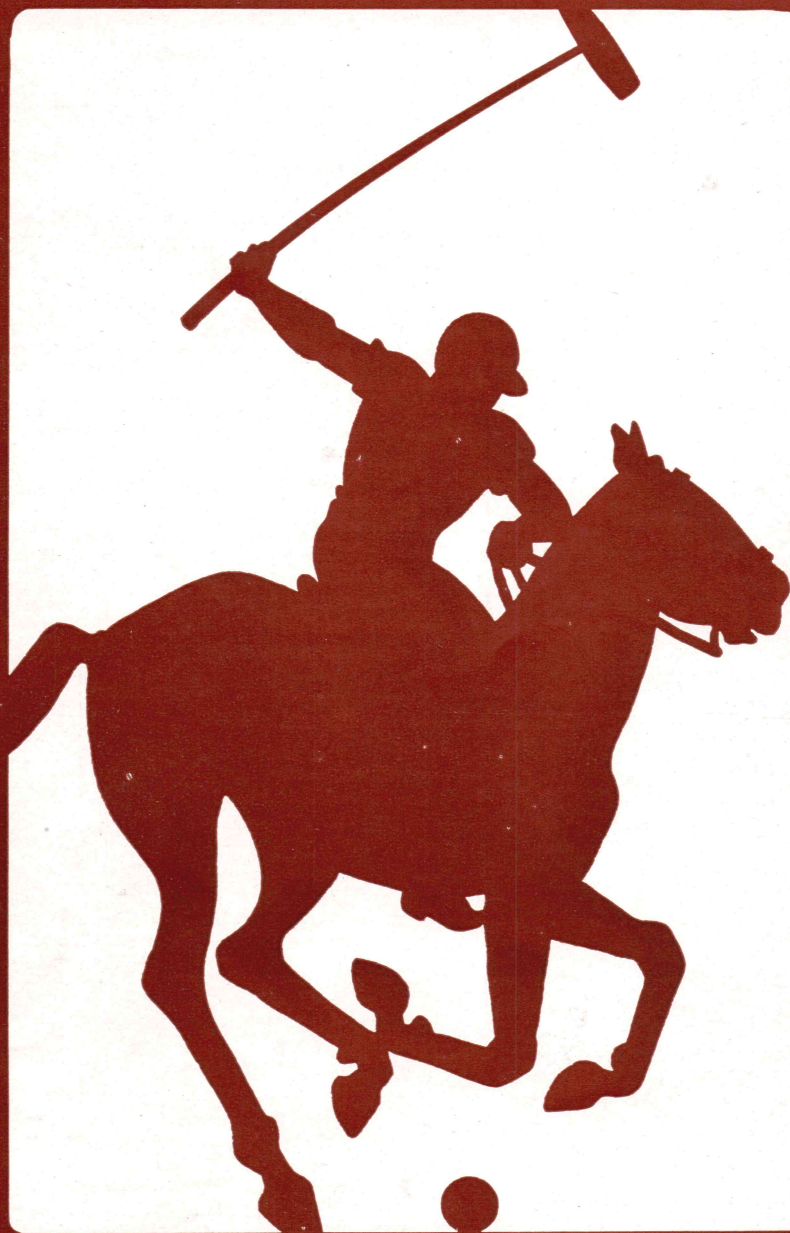
H. F. S.

Because of the many requests for dimensions of this adapter we have made a sketch which we will be glad to send our readers free upon request.



# DESIGNS

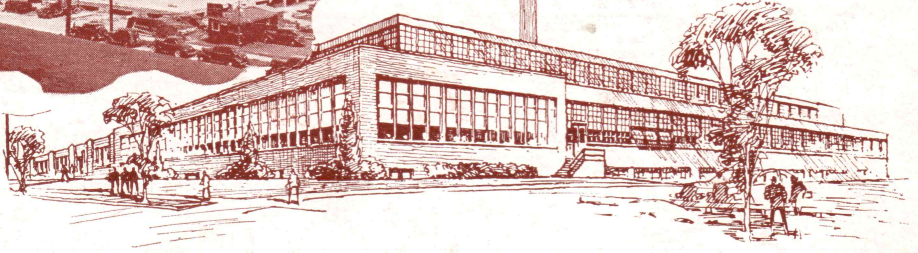
*These are full size drawings which can be easily traced directly on the material to be cut. Paint the material with a flat coat of paint before drawing the design.*







At left is a recent photograph showing construction under way on Delta's new plant addition. The artist's sketch below shows how the completed building will look.



# Building Your Happiness!

New plant addition now under construction speeds the day you can enjoy

## DELTA HOMECRAFT\* POWER TOOLS IN YOUR HOME SHOP

We want you to enjoy the pleasure of using Delta Homecraft Power Tools. We want you to know the deep satisfaction that arises from working with *quality* tools.

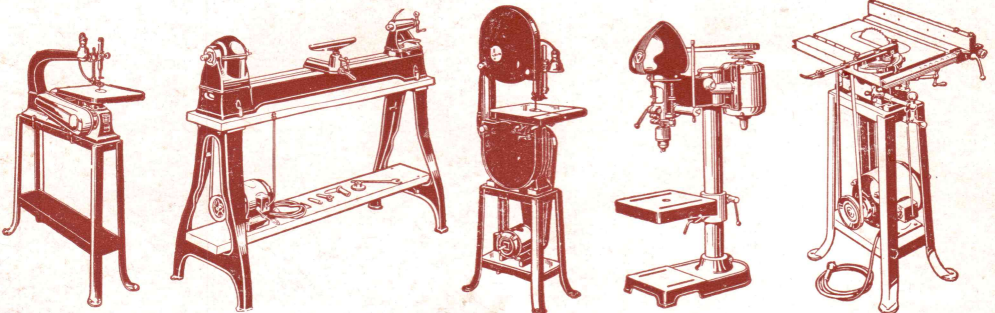
Right now, though, the widespread demand for these famous power tools far exceeds the number we can produce. But we are cutting down the time you must wait until you *can* become the proud owner of Delta Homecraft Power Tools.

Shown here is our new plant addition scheduled for completion this year—considerably increasing our capacity for building these tools. This is one way in which we will hasten Delta tools onto the floor of your near-by store.

We sincerely appreciate your patience thus far. Thanks!

Keep in touch with the store in your neighborhood that carries Delta Homecraft Power Tools.

\*Trade Mark Reg. U. S. Pat. Off.



## DELTA MANUFACTURING DIVISION

ROCKWELL MANUFACTURING COMPANY

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